

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-32. (canceled).

33. (currently amended): An electric device comprising at least a heat-producing section which produces heat during operation; a heat-dissipating section which is arranged adjacent to the heat-producing section ~~for removing and which removes~~ heat produced in the heat-producing section; and a fuel cell which serves as an electric power source and uses a fuel being liquid at room temperature,

wherein the fuel cell comprises a fuel-supply section and a power-generating section; ~~the fuel-supply section comprising a fuel tank and fuel supply piping for supplying a fuel from the fuel tank to the fuel-supply section through a fuel channel included in the heat-dissipating section, and~~

wherein the fuel-supply section comprises a fuel tank and a fuel channel;

wherein the fuel tank is mechanically separated from the power-generating section and is connected to the power-generating section through the fuel channel; and

wherein at least part of the fuel channel is arranged in the heat-dissipating section.

34. (canceled)

35. (previously presented): The electric device according to claim 33, wherein the fuel tank is arranged at such a position as to absorb the heat of the heat-producing section.

36. (previously presented): The electric device according to claim 33 or 35, wherein the heat-dissipating section, the heat-producing section and the fuel tank are stacked.

37. (previously presented): The electric device according to claim 33 or 35, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

38. (previously presented): The electric device according to claim 33 or 35, wherein the electric device further comprises a display section, and wherein the heat-producing section comprises an information processing section which houses an electronic circuit including a CPU.

39. (previously presented): The electric device according to claim 38, wherein the power-generating section is arranged adjacent to the heat-producing section or the display section.

40. (previously presented): The electric device according to claim 38, wherein the power-generating section comprises at least an electrolyte, a fuel electrode and an oxidant electrode sandwiching the electrolyte, and wherein the fuel electrode is arranged adjacent to the display section.

41. (previously presented): A method for driving the electric device of claim 33, comprising the steps of cooling the heat-producing section with a liquid fuel supplied to the fuel-supply section being arranged in the heat-dissipating section, and supplying the liquid fuel absorbing heat of the heat-producing section to the power-generating section.

42. (currently amended): A fuel cell for supplying electric power to an electric device including a heat-producing section which produces heat during operation, comprising a fuel-supply section and a flow-rate-control section, the fuel-supply section being so configured as to supply a fuel from a fuel tank to the fuel electrode through a fuel channel, and the flow-rate-control section controlling the flow rate of the fuel to be supplied to the fuel electrode according to the heat production level of the heat-producing section, ~~and~~

wherein the fuel is liquid at room temperature; ~~and~~

wherein the fuel channel is included in a heat-dissipating section which is arranged in the electric device in the vicinity of the heat-producing section; and

wherein the fuel tank is mechanically separated from a power-generating section and is connected to the power-generating section through the fuel channel.

43. (previously presented): The electric device according to claim 36, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

44. (previously presented): The electric device according to claim 36, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

45. (previously presented): The electric device according to claim 37, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

46. (new). The electric device according to claim 33, wherein the fuel-supply section comprises the fuel tank and fuel supply piping for supplying a fuel from the fuel tank to the fuel-supply section through the fuel channel included in the heat-dissipating section.